

INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. The "Metalimport" State Commercial Enterprise (DTP) is planning to purchase a new steam-heat and electric power station (TETs) to alleviate Bulgaria's power shortage. Unless the TETs is large, this will not be possible. However, Bulgarian experts do not wish too large a TETs because they are not sure that the poor-quality Bulgarian coal (45 percent ash) will permit uninterrupted operation. Consequently it is not certain whether the projected TETs will need a steam boiler with a capacity of 125, 150, or 210 tons per hour.
2. The "Metalimport" Enterprise is interested in prices, weights, and other specifications of the following items for the projected TETs:
 - a. Steam boiler (for coal dust fuel from 85-100 atmospheres gauge, 2,500 kg/cal/ per hour, 45 percent ash content, 17-20 percent moisture, ash to become soft at 900-1,000 degrees centigrade, and melt at 1,300-1,500 degrees, steam temperature to be 510-525 degrees, and the water should be 30 degrees when leaving turbine and 180 degrees when entering boiler);
 - b. Coaling installation (transporting and crushing mill, but without drier);
 - c. Complete burner;
 - d. Water feeding installation;
 - e. Water treating installation;
 - f. Dust-removal installation;
 - g. Electrical precipitator (Elektrofilter-Anlage); and
 - h. Ash and scrap conveyor
3. The following firms were approached with respect to the steam turbine of the projected TETs: AEG, Berlin; Brown Boveri, Mannheim; Man, Nuernberg; and a French firm, the name of which is not known.

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